STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF MANZANO LLC FOR APPROVAL OF A PRESSURE MAINTENANCE PROJECT AND AUTHORIZATION TO INJECT, LEA COUNTY, NEW MEXICO.

Case No.		

APPLICATION

In accordance with NMAC 19.15.27.8, Manzano LLC ("Applicant") (OGRID No. 231429) files this application with the Oil Conservation Division for an order: (1) approving a pressure maintenance project for the injection of produced gas through the Vince BGH #1 well into the San Andres formation in a project area ("Project Area") comprised of SE/4 of Section 30, Township 9 South, Range 35 East, NMPM, Eddy County, New Mexico; and (2) authorizing Manzano to convert the Vince BGH #1 well from a producing well to an injector. In support of its application, Applicant states:

- 1. Applicant operates the following described wells within or near the Project Area:
- the Sodbuster 21 Fee #4H (API 30-025-43704) with a surface hole location at 200 FSL, 1650 FWL of Section 21 and a bottom hole location at 330 FNL, 1650 FWL of Section 21;
- the Rag Mama 30-19 Fee #1 (API 30-025-44067) with a surface hole location at 25 FSL,
 528 FEL of Section 30 and a bottom hole location at 2303 FSL, 394 FEL of Section 19; and
- The Vince BGH No. 1H (API No. 30-025-37104) located at 1980 FSL, 1750 FEL (Unit J) of Section 30.
- 2. The wells are currently producing from the Jenkins San Andres Pool (Pool No. 33950).
- 3. Applicant proposes to convert its Vince BGH No. 1H well from a producer into an injection well for pressure maintenance operations. Applicant plans to inject produced gas from the

Sodbuster 21 Fee #4 and Rag Mama 30-19 Fee #1 into the San Andres formation through a closed system using the Vince BGH No. 1H. Applicant does not anticipate compatibility issues.

- 4. The injection interval of the Vince BGH No. 1H is 4840 feet to 4850 feet.
- 5. Injection will provide pressure maintenance support for the Rag Mama 30 19 Fee #1 well and will also reduce flaring.
- 6. The expected average injection rate of produced gas into the Vince BGH No. 1H is 150 MCFGPD. The expected maximum injection rate is 1,000 MCFGPD to provide Manzano the option to inject more gas as the GOR increases or if Manzano drills additional wells in the Jenkins San Andres Pool.
- 7. The expected average injection pressure of produced gas into the Vince BGH No. 1H is 500 psi and the proposed maximum injection pressure is 950 psi.
- 8. Applicant's proposed pressure maintenance project can be conducted in a safe and responsible manner without causing waste, impairing correlative rights or endangering fresh water, public health or the environment.
- 9. Approval of this application will be in the best interest of conservation, the prevention of waste and the protection of correlative rights.
 - 10. A copy of the applicable C-108 is attached as Exhibit A.

WHEREFORE, Applicant requests this application be set for hearing on December 2, 2021, and after notice and hearing, the Division enter an order: (1) approving a pressure maintenance project for the injection of produced gas through the Vince BGH #1 well into the San Andres formation in the Project Area; and (2) authorizing Manzano to convert the Vince BGH #1 well from a producer to an injector.

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy Michael Rodriguez P.O. Box 2068 Santa Fe, NM 87504-2068

Phone: (505) 982-4554 Facsimile: (505) 982-8623 dhardy@hinklelawfirm.com mrodriguez@hinklelawfirm.com Counsel for Manzano LLC

Revised March 23, 2017

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Applicant: Manzar				lumber: <u>231429</u>
Well Name: VINC			API: 30-02	
Pool: JENKINS SA	N ANDRES		Pool Co	de: <u>319660</u>
SUBMIT ACCUR	ATE AND COMPLETE INFO	RMATION REQUI		TYPE OF APPLICATION
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N	ote: Statement must be complete	d by an individual with	managerial and/or supervis	ory capacity.
			9/28/2021	
JOHN WORRALL			Date	
Print or Type Name			575 622 1006 EVT	202
Λ	(2)		575-623-1996 EXT. Phone Number	302
O(0)				
Joan				ANZANOENERGY.C
Signature	`		e-mail Address	

September 28, 2021

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505

New Mexico Oil Conservation Division 1625 N. French Drive Hobbs, NM 88240

RE: Gas Injection Application Manzano, LLC Vince BGH #1

Manzano, LLC hereby submits an application to convert the Vince BGH #1 to a gas injection well. Accordingly, please find enclosed an original and one copy of our application Form C-108 with attachments. A third copy has been sent to the Division Office in Hobbs. A Legal Notice of our application has been filed with the Hobbs Sun newspaper.

Should you have any questions regarding our application, I can be reached at 575-623-1996 ext. 302 or 575-420-5853 cell. Thank you for your assistance in handling our application.

Sincerely,

John Worrall

On behalf of Manzano, LLC

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STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

FORM C-108 Revised June 10, 2003

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APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: Secondary Recovery X Pressure Maintenance Disposal Storage Application qualifies for administrative approval? X Yes No
II.	OPERATOR: MANZANO, LLC
	ADDRESS: P.O. BOX 1737, ROSWELL, NM 88202-1737
	CONTACT PARTY: JOHN WORRALL PHONE: 575-623-1996
III.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project? Yes X No If yes, give the Division order number authorizing the project:
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
*VIII.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
IX.	Describe the proposed stimulation program, if any.
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted)
*XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
XIV.	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
	NAME: JOHN WORRALL TITLE: MANAGER
	SIGNATURE:DATE:DATE:DATE:
*	E-MAIL ADDRESS: JWORRALL@MANZANOENERGY.COM If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

Side 2

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
 - (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
 - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
 - (3) A description of the tubing to be used including its size, lining material, and setting depth.
 - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
 - (1) The name of the injection formation and, if applicable, the field or pool name.
 - (2) The injection interval and whether it is perforated or open-hole.
 - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
 - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
 - (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

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NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Answers to FORM C-108. Application of Manzano, LLC to inject gas into the VINCE BGH #1.

- III. The well data for the proposed injection well is attached along with the current and proposed wellbore diagram.
- V. Attached is the Area of Review map identifying six total wells within the ½ mile radius of the Injection well including the injection well, one producing oil well, and four plugged and abandoned wells.
- VI. The table of well data shows casing and cement information, the perforated intervals, and the plugging and abandonment information. Wellbore diagrams are attached for the five wells within the Area of Review.
- VIII. 1. Manzano, LLC proposes to inject an average of 150 MCFGPD into the well. The maximum daily rate requested is 1000 MCFGPD to give Manzano the option to inject more gas as the GOR increases or if Manzano drills additional wells in the Jenkins San Andres pool.
- 2. The system is closed. There are two source wells and one injection well, all in the same reservoir, the San Andres P-1 dolomite.
- 3. The proposed average injection pressure is 500 psi, the proposed maximum injection pressure is 950 psi.
- 4. Source Wells: The gas to be injected is produced in the only two active wells in the Jenkins San Andres pool. It will be injected into the same zone in the injection well. There should no compatibility issues. These two source wells currently produce 59 BOPD, 129 MCFGPD, and 1068 BWPD.
- a. Manzano, LLC Rag Mama 30 19 Fee #1 (API 30-025-37104) located at 25 FSL, 528 FEL Sec. 30-T9S-R35E.
- b. Manzano, LLC Sodbuster 21 Fee #4H (API 30-025-43704) located at 200 FSL, 1650 FWL Sec. 21-T9S-R35E.
- 5. Gas analyses from the two source wells are attached.
- VIII. Geologic Information of the Injection zone: See the attached log section cross section. The gas will be injected into the San Andres P-1 dolomite in existing perforations at 4840 to 4850 feet in the Vince BGH #1. This well will be converted from an existing oil producer to a gas injector for the purpose of maintaining reservoir pressure, to allow for more oil to be produced from the reservoir. The well currently produces 2 BOPD and 31 BWPD and is uneconomic. Reservoir: The San Andres formation is present from 4000 to 5460 feet in this well. The interval from 4810 to 4900 is known as the P-1 dolomite, which is a fine crystalline dolomite with 4% to 12% porosity, and 20 to 100 ohm-m of resistivity. The interval has up to 100 feet of porosity greater than 6% (See attached isopach map). Oil and gas is stratigraphically trapped where this

Land Map **Affidavit** Legal Notice in the Hobbs News Sun Proof of Notice to the Surface Owner Charles Kinsolving Proof of Notice to the Bureau of Land Management Carlsbad Office Statement on Seismicity Analysis

reservoir pinches out northward into anhydrite. The zone is also overlain by anhydrite, and underlain by a tight limestone.

Water Aquifer: The water aquifer in the area are the Ogalalla red beds. Attached is a map ("Figure 4") from Atkins Engineering of Roswell showing the top of the aquifer is present at 4025 feet above sea level. The Vince BGH #1 well has a drill floor elevation of 4183 feet, which means water is found in the red beds at 158 feet. Atkins Engineering indicates there is approximately 25 feet of water in this area

IX. No additional stimulation is planned. The zone has already been acidized with 41,000 gallons of 15% NEFE acid.

X. Logs of this well are attached.

XI. There are no water wells within one mile of the proposed injection well. Attached is a map from Atkins Engineering ("Figure 3") which identifies the nearest water wells, all of which are located 2.5 to 3 miles from the injection well.

XIII. An Affidavit is attached.

XIV. Attached is a Land Map showing that there are no other operators within the ½ mile Area of Review radius. A copy of the application has been sent by certified mail to the surface owner, C J. Kinsolving. A receipt is attached.

Attached is the Legal Notice filed with the Hobbs News Sun.

Other Attachments to this application:

Injection Well Data Sheet

Injection Well Current Wellbore Diagram

Injection Well Proposed Wellbore Diagram

Area of Review Map

Table of Well Data

Wellbore Diagrams of other five wells within the Area of review

Gas Analysis – Manzano, LLC Rag Mama 30 19 Fee #1H

Gas Analysis - Manzano, LLC Sodbuster 21 Fee #4H

Log Cross Section of the P-1 Dolomite

Net Porosity Isopach Map of the P-1 Dolomite

Map of Top of Water in the Ogallala Red Beds from Atkins Engineering

Location Map of Fresh Water Wells from Atkins Engineering



- VIII. 1. Manzano proposes to inject an average of 150 Mcfgpd into the Vince BGH #1. The maximum proposed rate is 1000 MCFGPD.
- 2. The system is closed.
- 3. The average proposed injection pressure is 500 psi. The maximum proposed pressure is 950 psi. A 10 day shut in test on the Vince, revealed the current bottomhole pressure is 378 psi. The original bottomhole pressure is calculated as 1697 psi.
- 4. Gas will be sourced by the Sodbuster 21 #4H and the Rag Mama 30 19 Fee #1H wells. These wells currently produce 59 BOPD, 129 MCFGPD and 1068 BWPD.

Side 1 INJECTIC	INJECTION WELL DATA SHEET	EET		
OPERATOR: MANZANO, LLC				
WELL NAME & NUMBER: VINCE BGH #1		,	E.	
WELL LOCATION: 1980 FSL, 1750 FEL	J	30	S6T	R35E
NOL	UNIT LETTER	SECTION	TOWNSHIP	RANGE
WELLBORE SCHEMATIC (SEE ATTACHED)		WELL CONSTR Surface Casing	WELL CONSTRUCTION DATA Surface Casing	
	Hole Size:	17 1/2"	Casing Size: 13 3/8"	8/
	Cemented with:	426 sx.	or 975	H ₃
	Top of Cement:	SURFACE	Method Determined:	CIRC.
		Intermediate Casing	e Casing	
	Hole Size: 12	12 1/4"	Casing Size: 9 5/8"	
	Cemented with:	1103 sx.	or 2500	H ³
	Top of Cement:	SURFACE	Method Determined:CIRC.	CIRC.
		Production Casing	Casing	

Injection Interval

£3

3200

or

SX.

1420

Cemented with:

8 3/4"

Hole Size:

3645

Top of Cement:

12650

Total Depth:

5 1/2"

Casing Size:

Method Determined: CALC.

4850 (PERFS) feet to_ 4840

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tub	Tubing Size:	2 7/8"	Lining Material:
Ty	Type of Packer: ARROWSET 1-X	WSET 1-X	
Pac	Packer Setting Depth:	4750	
Ott	er Type of Tubing	Other Type of Tubing/Casing Seal (if applicable):	le):
		<u>Ac</u>	<u>Additional Data</u>
1.	Is this a new well	Is this a new well drilled for injection?	Yes X No
	If no, for what pu	If no, for what purpose was the well originally drilled?	nally drilled?
	DEVONIAN OIL WELL	OIL WELL	
5.	Name of the Injection Formation:		SAN ANDRES
3.	Name of Field or	Pool (if applicable):	Name of Field or Pool (if applicable):JENKINS SAN ANDRES
4.	Has the well ever intervals and give SET CIBP AT 126	been perforated in any plugging detail, i.e. sac 20. 20 CMT ON TOP 2. S 11607-11621, 11655-11	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. 1. DEVONIAN UPHOLE SET CIBP AT 12620. 20 CMT ON TOP 2. WOODFORD 12534-12592 SET CIBP AT 12500 30' CMT. 3. ATOKA PERFS 11607-11621, 11655-11664. SQUEEZED. 4. SAN ANDRES 4840-50.
5.	Give the name and injection zone in t	d depths of any oil or gardis area: SAN ANDR	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SAN ANDRES IS PRODUCTIVE. TOP IS 4000. BOUGH C
	FORMERLY PR	ODUCED, NOW INA	FORMERLY PRODUCED, NOW INACTIVE IN AREA, TOP IS 9738, DEVONIAN(TOP OF
	12650) PRODUC	12650) PRODUCES IN SECTION 20.	

·· · Vince BGH N	o.1 Fie	ld:_wildcat	*/
1980 ESL & 175	0'-FEL-Sec30-9S-35		
_ Zero:	AGL:	KB:	4183'
4/25/05	Complet	ion Date:	

	1980 ESL & 175	1980' FSL & 1750' FEL Sec. 30-9S-35 AGL:	1980' ESL & 1750' FEL Sec. 30-9S-35E_Lea Co, NM

Casing Progr	am
Size/Wt/Grade/Conn	Depth Set
13 3/8" 48# H40	426'
9 5/8" 36& 40 # J55	4149'
7" 26# J55, L80, HCP110	12650'

13 3/8" csg @ 426'. Cmtd w/ 440 sx. Cmt circ,

TOC 3645' by calc.

9 5/8" csg @ 4149'. Cmtd w/ 1303 sx. Cmt circ.

San Andres perfs 4840'-50'

RBP at 4921

Atoka perfs 11607-21' & 11655-64' SQUEEZED

Woodford Sand perfs 12534-12592'

7" csg @ 12650', Cmtd 1st stg w/ 165 sx. Cmtd 2nd stg w/ 2090 sx.

Devonian open hole.

SKETCH NOT TO SCALE

DATE: 09/20/2021...

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CIBP@12500'+35'cin)

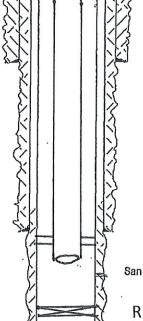
CIBP@12620'+20'cm

TD 12660

PROPOSED WELLBORE DIAGRAM PROPOSED INJECTION WELL

Well Name:	Vince BGH No	.1 Flo	eld: Wildcat		
Location:	_1980' FSL & 1750)' FEL Sec_30-9S-3	5E_Lea.Co, NM		_
GL: 4165!	Zero:	AGL:	KB:	4183'	_
Spud Date:	4/25/05	Comple	etion Date:		_
Comments:					-

Casing Progr	am
Size/Wt/Grade/Conn	Depth Set
13 3/8" 48# H40	426'
9 5/8" 36& 40 # J55	4149'
7" 26# J55, L80, HCP110	12650'
833 87 1985 - 1985	



13 3/8" csg @ 426'. Cmtd w/ 440 sx. Cmt circ.

TOC 3645' by calc.

9 5/8" csg @ 4149', Cmtd w/ 1303 sx. Cmt circ.

San Andres perfs 4840'-50'

PROPOSED INJECTION

RBP at 4921

Use Existing Perfs at 4840 to 4850 feet Set Arrowset 1-X packer at 4750 feet. 2 7/8" tubing to 4800 feet.

CIBP@12500'+35'cm CIBP@12620'+20'cm TD 12660

Atoka perfs 11607-21' & 11655-64' SQUEEZED

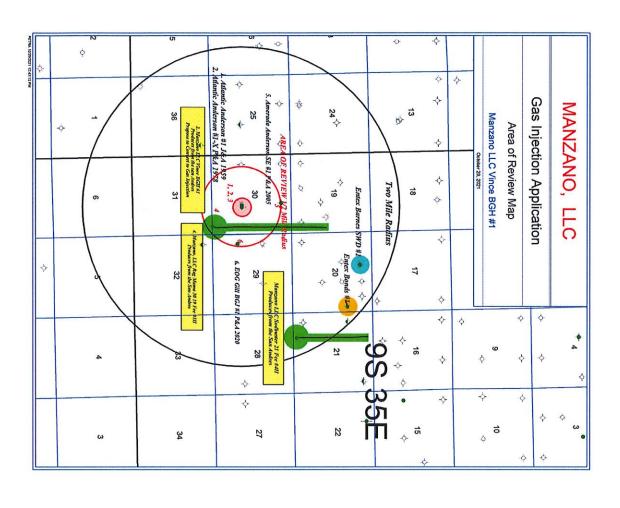
Woodford Sand perfs 12534-12592'

7" csg @ 12650', Cmtd 1st stg w/ 165 sx. Cmtd 2nd stg w/ 2090 sx.

Devonian open hole.

SKETCH NOT TO SCALE

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Manzano is applying to inject gas produced from the Manzano Sodbuster 21 Fee #4H and Manzano Rag Mama 30 19 Fee #1H wells into the Vince BGH #1 well. All three wells are currently perforated in the same P-1 dolomite reservoir. The two source wells currently produce a total of 59 BOPD, 129 MCFGPD and 1068 BWPD. Produced water is disposed in the Entex Barnes SWD #1 well. Gas is currently flared due to a lack of a pipeline. The proposed injection well, currently produces 2 BOPD and 31 BWPD and is deemed uneconomic. The new flare rule, while preventing waste, and recovering more oil from the reservoir by increasing the reservoir pressure.

TABLE OF WELL DATA

PRIOR COMPLETION DEPTHS PRIOR COMPLETION DEPTHS P&A INFORMATION P&A DATE	CURRENT COMPLETION, MD CURRENT COMPLETION, TVD PRIOR COMPLETION DEPTHS	3RD STRING HOLE SIZE CASING SIZE SET AT SX CMT CMT TO HOW MEASURED	ZND STRING HOLE SIZE CASING SIZE SET AT SX CMT CMT TO HOW MEASURED	TOWNSHIP RANGE SPUD DATE TRUE VERTICAL DEPTH MEASURED DEPTH IST STRING HOLE SIZE CASING SIZE SET AT SX CMT CMT TO HOW MEASURED	WELL ID# API NUMBER OPERATOR LEASE NAME WELL# WELL TYPE STATUS FOOTAGES SURFC UNIT SECTION
SET RETAINER AT 4151 SQUEEZED 200 SXS INTO PARTED CASING AT 4245 5 SXS ON RETAINER CUT OFF WELLHEAD WELD PLATE ON TOP	NONE JUNKED &ABANDONED NONE	NONE NONE NONE	12 1/4" 95/8" 4350 1600 1475 TEMP. SURVEY	9S 35E 2/1/1959 4752 4752 17 1/2" 13 3/8" 436 375 SURFACE CIRCULATED	1 30-025-02666 · ATLANTIC REFINING CO ANDERSON 1 DRY HOLE P&A 1980 FSL, 1980 FEL J
250 sss CMT 10025 to 9347 75 sss cmt 5200 to 5050 30 sss cmt plug 4520 to 4880 shot off 9 5/8" csg at 630 feet 35s sss CMT, TOC at 485 50 sss CMT, TOC at 485 50 sss CMT TOC at 385 50 sss CMT TOC at 340 CUT OFF WELLHEAD WELD PLATE ON TOP 12/05/1973 Ist time 8/7/1978	NONE NONE 4845 to 4866 (San Andres)	7 7/8" 5 1/2" 5050 325 NONE	12 1/4" 9 5/8" 4333 1500 1350 TEMP, SURVEY	9S 35E 3/1/1959 10025 10025 17 1/2" 13 3/8" 408 375 SURFACE CIRCULATED	2 30-025-02667 ATLANTIC REFINING CO ANDERSON . 1-X OIL P&A 1980 FSL, 1880 FEL J
WELLBORE DIAGRAM ATTACHED	4840 TO 4850 4840 TO 4850 12534 TO 12592	83/4" 51/2" 12650 1420 3645 CALCULATED	12 1/4" 9 5/8" 4145 1103 SURFACE CIRCULATED	9S 35E 4/25/2005 12,655 12,655 17 1/2" 13 3/8" 426 240 SURFACE CIRCULATED	3 30-025-37104 MANZANO, LLC VINCE BGH 1 OIL ACTIVE 1980 FSL, 1750 FEL J
. ACTIVE WELL	5250 TO 12123 4847 TO 4804 NONE	NONE .	77/8" 5.5" 12160 2100 SURFACE CIRCULATED	9S 35E 11/30/2017 4847 12,160 12,1/4" 8 5/8" 8 5/8" 2268 950 SURFACE CIRCULATED	4 30-025-44067 MANZANO, LLC RAG MAMA 30-19 FEE 1H OIL OIL ACTIVE 25 FSL, 528 FEL P
9737 TO 9755 12634 TO 12655 CIBP set at 12,584 Retainer set at 8175 ft Perf at 4300 and 4985, Sqzd 120 svs 4300-4985 50 SXS CMT 4200 TO 4090 60 SXS CMT 2260 TO 2058 60 SXS CMT 525 TO 378 45 SXS CMT 60 TO SURF	NONE NONE 4771 to 4901	7 7/8" 7" 0 TO 9952 5 1/2' 9952 TO 12688 800 7833 TEMP. SURVEY	11" 85/8" 4315 1400 2417 TEMP. SURVEY	9S 35E 1/15/1963 12,690 171/2" 133/8" 400 SURFACE CIRCULATED	5 30-025-20488 AMERADA PETROLEUM ANDERSON SE 1 OIL WELL P&A 660 FNL, 1980 FEL C
SET CIBP AT 12615 30 SXS CMT 12377 TO 12615 55 SXS CMT 11934 TO 11487 25 SXS CMT 11934 TO 11487 25 SXS CMT 10056 TO 9853 30 SXS CMT 7786 TO 7542 25 SXS CMT 5521 TO 5268 40 SXS CMT 4282 TO 3877 25 SXS CMT 4282 TO 3877 25 SXS CMT 2837 TO 2634 25 SXS CMT 233 TO 270 40 SXS CMT 270 TO SURF CUT OFF WELLHEAD 4/16/Z020	NONE NONE 11603 TO 11877	8 3/4" 5 1/2" 12660 3400 3670 CALCULATED	12 1/4" 9 5/8" 4170 1575 SURFACE CIRCULATED	9S 35E 8/1/2005 12,670 17,1/2" 13 3/8" 420 5URFACE CIRCULATED	6 30-025-37103 EOG RESOURCES GILL BGJ 1 OIL WELL P&A 1650 FSL, 660 FWL L

				EOG RESOURCES					Prospect:	
				GILL BGJ #1					TD (MD/TVD):	12670
ra		С	ounty:	LEA					Elevation:	4175 (KB)
General				NEW MEXICO				La	atitude & longitude:	3
Ge		API Nu	ımber:	30-025-37103				Section	on-Township-Range	29-T9S-R35E
									Surface Location:	1650 Fsl, 660 Fel
								Bo	ttom Hole Location:	Same
DIRECT	TONS:	_							®	
		DE	RFS			Hole				*
FORM	ATION		1113	Casing Profile		Size	Casin	g Specificaitons		P&A INFORMATION
									P&A 4/16/2020. Cut 40 sxs 270 to surface	off Wellhead
					и				25 sxs 523 to 270	
						17 1/2" 13	3 3/8" se	et at 420		
						Ι Ι			lar 2007. 2004	
									25 sxs 2887 to 2634	
									40 sxs 4282 to 3877	
			L		The last	12 1/4" 9 5	5/8" set	at 4170.		
			T			CM	/IT with 1	575 sxs to surf.		6
					٦					-
									25 sxs 5521 to 5268	
				5,000					30 sxs 7786 to 7542	
										2
-										
									25 40056 1 - 0055	
									25 sxs 10056 to 9853	·
				1 1					55 sxs 11934 to 1148	36
Ato	oka	11603	11877						33 3/3 11334 (8 114	
						83/4" 51	1/2" to 1	2660.	7	I
		•				Cm	nt with 3	400 sxs		l
Devonic	an (OU)	12660	12670			TD 12670	OC 3670	calculated.	30 sxs 12377 to 1263	15
Devonic	iii (UN)	12000	120/0		ļ				_ CIBP at 12615	
	This we	ell prod	uced 16	0,828 BO, 1,968 MCF	G and 8,0	083,377 BL	W from	the Devonian.		
	It prod	uced 16	511 BO	136,796 MCFG and 18	80 BW fri	om Atoka	perfore	ations.		
ints						tonu	20.701			
Comments	It was _I	plugged	and ab	andoned in 2020.						
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	STATE OF COLUMN	מ דווומצווו
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. h . h	around of posts	מסכת ונו דווומגנוו
	around of posts	מסכת ונו דווומגנוו
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	DIDUCTION TO INVIOLO	manut of nacrata

		Can						
				AMERADA PETROLEUM ANDERSON SE #1			Prospect:	
=							TD (MD/TVD):	
General			ounty:				Elevation:	
ien	*			NEW MEXICO			titude & longitude:	
9		APINU	mber:	30-025-20488		Section	on-Township-Range	
							Surface Location:	
IBECT	IONS:					Bot	tom Hole Location:	Same
INLCI	ioivs.							
FORM	ATION	PEI	RFS	Casing Profile	Hole Size	Casing Specificaltons		DO A INFORMATION
					Size		P&A 6/16/2005. Cut	P&A INFORMATION off Wellhead
				1000			45 sxs 60 to surface 60 sxs 525 to 378	
				A A A S	17 1/2"	I 13 3/8" set at 400	00 383 323 10 378	
							1	
							60 sxs 2260 to 2058	
							50 sxs 4200 to 4090	
					11"	8 5/8" set at 4315.	2 3 3 3 1 2 0 0 4 0 3 0	
						Cmt 1400 sxs TOC at 2417		
San A	ndres	4771	4901					
						1002 D - of 1200 - o d		
						1982 Perf 4300 and 4985 and pump		
						120 sxs cement		
						squeeze behind 7".		
				EST SANSON STATE		200		*
							Datainan ask at 9175	4
Cis	co	9737	9755				Retainer set at 8175	π
						(A		
								·
					77/00	Day 78 40 0022	ī	
						Ran 7" t0 9922 5 1/2" 9922 to TD		
	. 1		1			Cmt with 800 sxs TOC 7833 calculated.	CIBP at 12504 Perf	
Devo	nian	12634	12655					
	This we	ell produ	ıced 10,	.189 BO, 4,1728 MCFG and 58	3,704 B	W from the Devonian.		
	It produ	iced 66	1.189R	O, 1,016,582 MCFG and 451,4	16 BW	from Cisco perforations		
nts				7.00	10 DVV)	rom cisco perjorations.		
Comments	Last, it	produc	ed 459	BO from the San Andres.				8
_	It was i	oluaaea	and ab	andoned in 2005.				
ပိ	it was p	33		unuoneu m 2000.				
පි	re was p	35		unaciica ii. 2005i				

				Atlantic Refining				Prospect:	Jenkins
				Anderson #1				TD (MD/TVD):	4752
ra		C	ounty:	Lea				Elevation:	4175 (DF)
General				New Mexico			Lat	itude & longitude:	
၂ ဖ		API Nu	mber:	30-025-02666			Section	n-Township-Range	30-T9S-R35E
								Surface Location:	1980 FSL, 1980 FEL
							Bott	om Hole Location:	1980 FSL, 1980 FEL
Form	nation No con	MD	pth TVD	Casing Profile T	12 1/4 Surv. 7 7/8"	Set 13 : Cement Set 9 5/ Cement TOC at :	Sing Specificaitons 8/8 at 426 feet. with 426 sxs 8" at 4350 feet. with 1500 sxs 1475 by Temp. 752 ft TD	3-5-1959 Cut off wel weld plate on top Skid rig to Anderson Casing parted at 427 Junked and abandor	
Comments						,			

												_						2277		T						
		Con	npany:	Atlan	tic R	efinii	ng												ospec							
			Name:		rson	#1-X											T	D (MD	/TVD): 10	,025	;				
ra			ounty:															Ele	vatior	n: 41	75 (DF)				
General			State:												Latitude & longitude:			e:								
g		API Nu	ımber:	30-02	5-026	667										Section	n-Tow	nship	-Rang	ge 30	30-T9S-R35E					
																	Surfa	ce Lo	cation	n: 19	80 F	SL, 18	80 FEL			
																Bot	tom H									
DIRECT	IONS:																									
							-				T	_														
ZON	E of	Da	pth	ı		Cas	ing Pr	rofile			Hol Siz	_	Cas	ing Spe	cificait	ons				n Ø	ιA	Info.				
PEF	RFS	De	ptn		ing state						312	е					50 sxs	3/7/19 5 TOC a 5 TOC a	at 385	offv	well	hellhe	ad			
											17 1		Cement	3/8 at 40 with 37 nent to s	5 sxs		Cut 9	5/8 at	630 fe	eet. 3	5 sx	s 646	to 608	•		
									No of the last of																	
											12 1			8" at 43					100 100 1							
								1						with 150 350 by 1		urv.										
					题				1						7.9		300.0	s 4620	1+0/10	000						
San A	ndres	4846	4866			-							Set 50 sx	s at 505	0 to 520	00 ft	305 57	S 4020	10 48	100						
Julia	mures		4800										Ran 5/12	2" casing												ı
													to 5050 Cement	reet. with 325	sxs											
					-																					
																										l
				100																						- 1
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									1																	-
													250	a plees	10025	to 02.4	17									
											77/0			s plug :			e to TD									-
8	Well nr	oduceo	11,352	BO 74	154 N	1CFG	and 2	22769 R	W for	n Sa						an pip	1010		Т	Т			Т	1	$\overline{}$	_
	It was a	original	ly plugg	ed and	d aba	ndon	ed 12,	/05/19	73.																	
	It was i	reenter	ed in 19	73 but	oper	rator	could	not tie	onto	95/8	8" cas	ing	stub a	nd was	replu	gged 8	3/7/197	8 as sl	iown.							
		-		++	-	+	+	+	+	+	-	-				-	-	-	-		_		-		+	-
-				++	+	++	+	\dashv	++	+	1	\dashv					+-	_	1	_	-		+		+	+-
						1		$ \perp$ \perp		ш	_			_							_					

		Con	npany:	Manzano, LLC				Prospect:	Jenkins
				Rag Mama 30-19 Fee #1H					12160'MD/4850'TVD
<u>_</u>			ounty:						4159' GL & 4180' KB (21'KB)
General				New Mexico			Lat		103.393294/33.498036
Ge				30-025-44067				n-Township-Range	
									25' FSL & 528' FEL-Sec 30-9s-35e
							Bott		2310' FSL & 400' FEL-Sec 19-9s-35e
		o lease	road, G	M go north on Hwy 206 to Cr io south on dirt road for 1.0 r			sroads turn west on	to CR170/Carrol Roa	d, Go west on CR170 for 3 miles &
Form	ation	De MD	pth TVD	Casing Profile	Hole Size	Cas	sing Specificaltons		Mud Program
		MD	TVD		3120			0'-3500': MW 8.4-10	Mud Program +, Vis 30-32, WL 15
Top R 8 5,	ustler /8"Casir	2240 ag @ 22.	2240		12 1/4"		1/4"Ulterra U616S " 32#/ft J-55 LTC to 2275'		35:65:6 (12.9ppg/1.87cfs/10.11gps) + " (14.8ppg/1.33cfs/6.33gps)
Yat	tes	2760	2760					2275'-KOP @ 4200'-	MW 10+, Vis 28-32, WL n/c
Que San A.		3470	3470 4040		7 7/8"	77/	'8" Ulterra U616M	Cement 5 1/2" w/1 1000sx	1100sx 50:50:10 C (11.00ppg/2.81cfs) + 50:50:2 C (14.5ppg/1.22cfs) 0+, Vis 30-32, WL n/c
								KOF-LOL @ . WW I	υτ, VIS 30-32, WL 11/C
				I ANAI I	7 7/8"		'8" Ulterra U616M ' 20.0# L80 BTC to	Cu	rve: 4265'-5170' (905')
<u>KC</u>	<u>)P</u>	<u>4265</u>	<u>4265</u>		1 ""	3.3	Surface		
Pi Mo	arker	4620	4600						
Тор Ра	y Zone	4880	4770						
End of	Curve	5170	4840					VALUE OF THE STREET	
End of					Т				
Ena of	aterai	12160	4805	<u> </u>			8" Ulterra U616M	TD Late	eral @ 12160'MD/4805'TVD
				ATERA	77/8"	5.5'	' 20.0# L80 BTC to Surface	Latera	l: 5180' - 12180'MD (6990')
				-			50.,000		
nts									
Comments									
ပ်									

Released to Imaging: 11/2/2021 4:20:32 PM

Certificate of Analysis

Number: 6030-21070001-001A

Artesia Laboratory 200 E Main St. Artesia, NM 88210 Phone 575-746-3481

July 01, 2021

Manzano Energy Manzano Energy 300 W 2nd St Roswell, NM 88201

Station Name: Rag Mamma Heater Station Number: Heater treater Station Location: Manzano

Instrument:

Sample Point: Heater Ball Valve

6030_GC6 (Inficon GC-3000 Micro)

Analyzed:

Last Inst. Cal.: 06/28/2021 0:00 AM 07/01/2021 10:35:01 by EJR Sampled By: Sample Of:

Cameron Rivera Gas

Sample Date:

Spot 06/30/2021 09:30

Sample Conditions: 20 psig Ambient: 70 °F 06/30/2021 09:30

Effective Date: Method: Cylinder No:

GPA-2261M 5030-00488

Analytical Data

		7110	aryticar	Data		
Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.696 psia		
Hydrogen Sulfide	0.000	2.10000	2.716		GPM TOTAL C2+	5.858
Nitrogen	4.465	4.45505	4.735		GPM TOTAL C3+	3.496
Methane	60.630	60.49464	36.823		GPM TOTAL iC5+	1.054
Carbon Dioxide	13.129	13.09975	21.874			
Ethane	8.833	8.81352	10.055	2.362		
Propane	5.586	5.57395	9.326	1.539		
Iso-butane	0.829	0.82725	1.824	0.271		
n-Butane	2.005	2.00043	4.412	0.632		
Iso-pentane	0.693	0.69106	1.892	0.253		
n-Pentane	0.667	0.66571	1.822	0.242		
Hexanes Plus	1.282	1.27864	4.521	0.559		
	98.119	100.00000	100.000	5.858		
Calculated Physical	Properties	Total		C6+		
Relative Density Real	l Gas	0.9138		3.2176		
Calculated Molecular	Weight	26.36		93.19		
Compressibility Factor	or	0.9955				
GPA 2172 Calculation	on:					
Calculated Gross B	TU per ft³ @ 14.696 p	sia & 60°F		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
Real Gas Dry BTU		1138		5129		
Water Sat. Gas Base	BTU	1118		5040		
Ideal, Gross HV - Dry	at 14.696 psia	1132.7		5129.2		
Ideal, Gross HV - We	t	1112.7		5039.7		
Comments: H2S Fig	eld Content 2.1 %					

Data reviewed by: Eric Ramirez, Analyst

Quality Assurance:

Received by OCD: 11/2/2021 4:15:05 PM

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.



Certificate of Analysis

Number: 6030-21070001-003A

Artesia Laboratory 200 E Main St. Artesia, NM 88210 Phone 575-746-3481

Released to Imaging: 11/2/2021 4:20:32 PM

July 01, 2021

Manzano Energy Manzano Energy 300 W 2nd St Roswell, NM 88201

Station Name: Sodbuster Heater Station Number: Heater Treater Station Location: Manzano Sample Point: Heater Ball Valve

Instrument: Last Inst. Cal.:

6030_GC6 (Inficon GC-3000 Micro)

Analyzed:

06/28/2021 0:00 AM 07/01/2021 11:34:42 by EJR Sampled By: Sample Of:

Cameron Rivera Spot Gas

Sample Date:

06/30/2021 09:15 Sample Conditions: 20 psig Ambient: 70 °F

Effective Date: Method:

Cylinder No:

06/30/2021 09:15 GPA-2261M

1111-002209

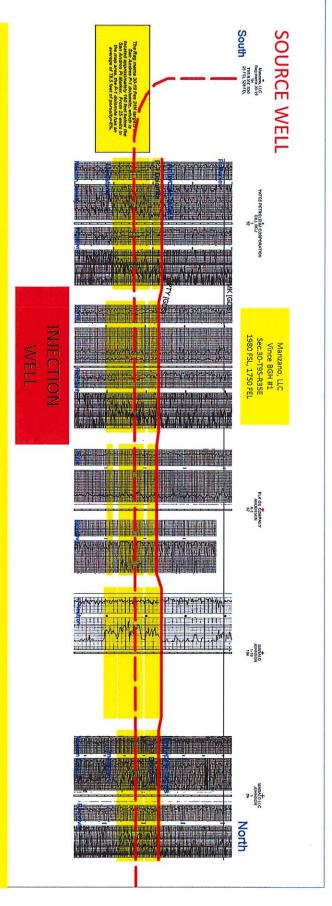
Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM a 14.696 psi			
Hydrogen Sulfide	0.000	2.40000	2.991			GPM TOTAL C2+	5.431
Nitrogen	7.990	8.17264	8.371			GPM TOTAL C3+	3.311
Methane	54.324	55.56411	32.591			GPM TOTAL iC5+	1.185
Carbon Dioxide	15.374	15.72463	25.302				
Ethane	7.736	7.91305	8.700	2.12	0		
Propane	4.769	4.87800	7.865	1.34	6		
Iso-butane	0.670	0.68499	1.456	0.22	5		
n-Butane	1.716	1.75559	3.731	0.55	5		
Iso-pentane	0.559	0.57135	1.507	0.20	9		
n-Pentane	0.600	0.61360	1.619	0.22	3		
Hexanes Plus	1.684	1.72204	5.867	0.75	3		
	95.422	100.00000	100.000	5.43	1		
Calculated Physical	Properties	Total		C6+			
Relative Density Real	Gas	0.9482		3.2176			
Calculated Molecular '	Weight	27.35		93.19			
Compressibility Factor	r	0.9956					
GPA 2172 Calculatio	n:						
Calculated Gross BT	'U per ft3 @ 14.696 p	sia & 60°F					
Real Gas Dry BTU		1059		5129			
Water Sat. Gas Base	BTU	1041		5040			
Ideal, Gross HV - Dry	at 14.696 psia	1054.6		5129.2			
Ideal, Gross HV - Wet		1036.0		5039.7			
Comments: H2S Fie	eld Content 2.4 %						

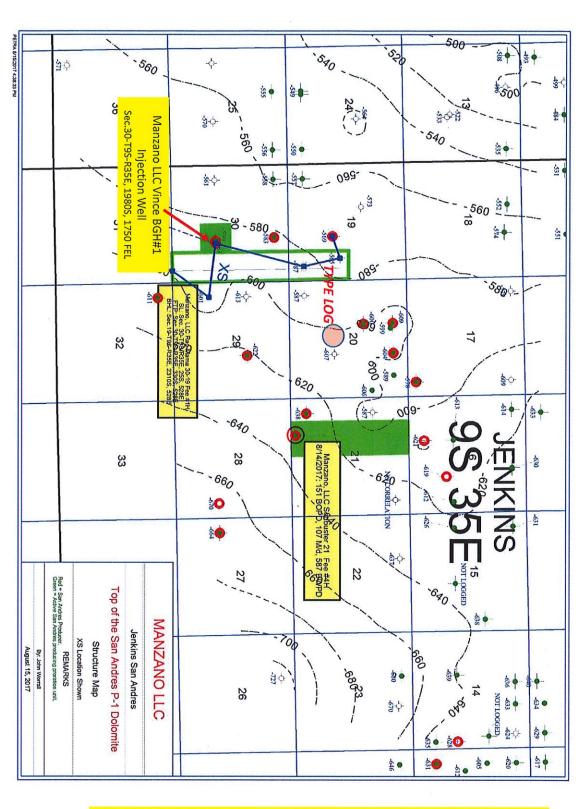
Data reviewed by: Eric Ramirez, Analyst

Quality Assurance:

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.



by anhydrite, and underlain by tight limestone stratigraphically trapped where this reservoir pinches out northward into anhydrite. The zone is also overlain ohm-m of resistivity. The interval can exhibit up to 100 feet of porosity> 6% (see isopach map). Oil and gas is section is the San Andres Pi Marker, a regional volcanic ash bed which is the datum for the cross section. The 31 BWPD. The San Andres formation is present from 4000 to 5460 feet in this well. Shown on this cross P-1 dolomite (yellow) is a fine crystalline dolomite reservoir, with typically 4 to 12% porosity, and 20 to 100 in the Manzano LLC Vince BGH#1. The well will be converted to injection; it currently produces 2 BOPD and map. The gas will be injected into the San Andres P-1 dolomite in existing perforations at 4840 to 4850 feet Rag Mama 30 19#1H lateral. The location of these wells is shown on the P-1 dolomite isopach and structure VIII. This is a south to north stratigraphic cross section depicting the logs of the vertical wells adjacent to the

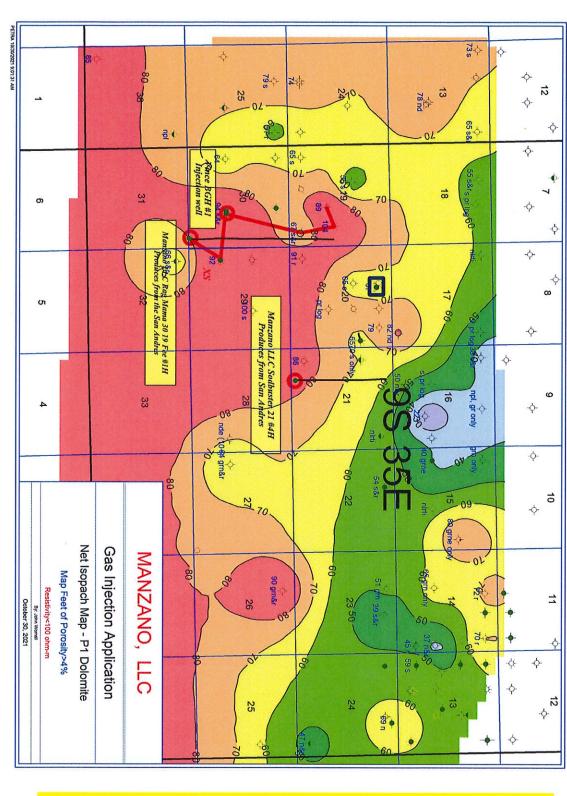


VIII. GEOLOGY

This is a structure map on top of the P-1 dolomite showing the reservoir is relatively flat with only 40 feet of east dip per mile (a half degree slope).

Wells in red have historically produced oil or gas from this reservoir, or exhibit shows. Currently, Manzano produces oil from the two horizontal wells and the Vince #1. The other red wells have been plugged and abandoned.

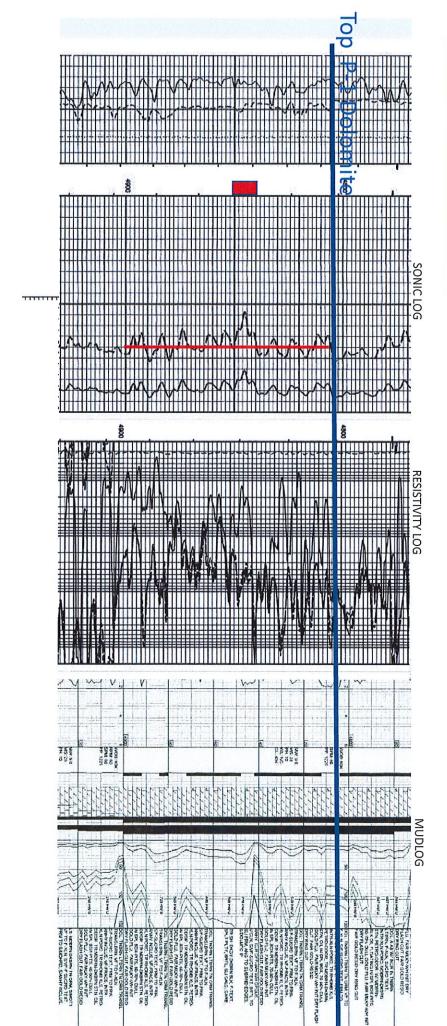
The location of the cross section is shown on this map.

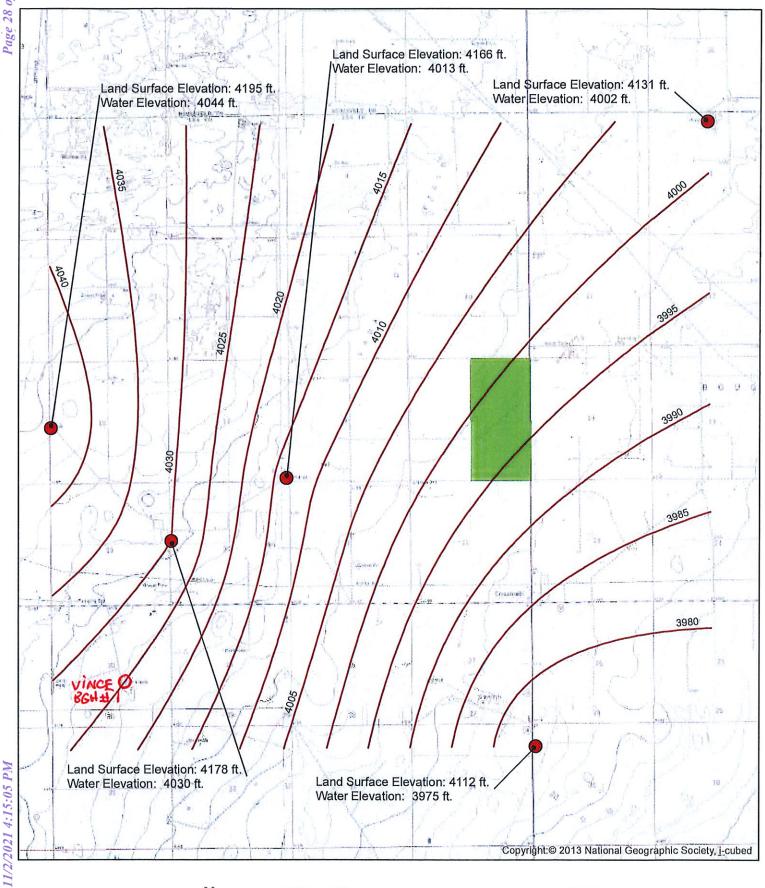


trap. anhydrite filled the zone is present but showing feet of the P-1 dolomite up the stratigraphic dolomite, which sets tight anhydrite and porosity grades into reservoir. Northward up to 100 feet of the P-1 dolomite has < 100 ohm-m. It shows porosity >4% and/or resistivity log showing This is a net isopach of

wells. and the two source with the injection well The cross section location is shown along

X. Log Data of the Manzano Vince BGH #1 located in Section 30-T9S-R35E, 1980 Fsl, 1750 Fel. resistivity from 4810 to 4900 ft. Injection will be through existing perforations at 4840 to 50 feet. Logs show the pay is a dolomite with good porosity and







Manzano Fee Land WaterLevels

NMOSE Well-Schedule Wells



0 2,000 4,000 8,000 Feet

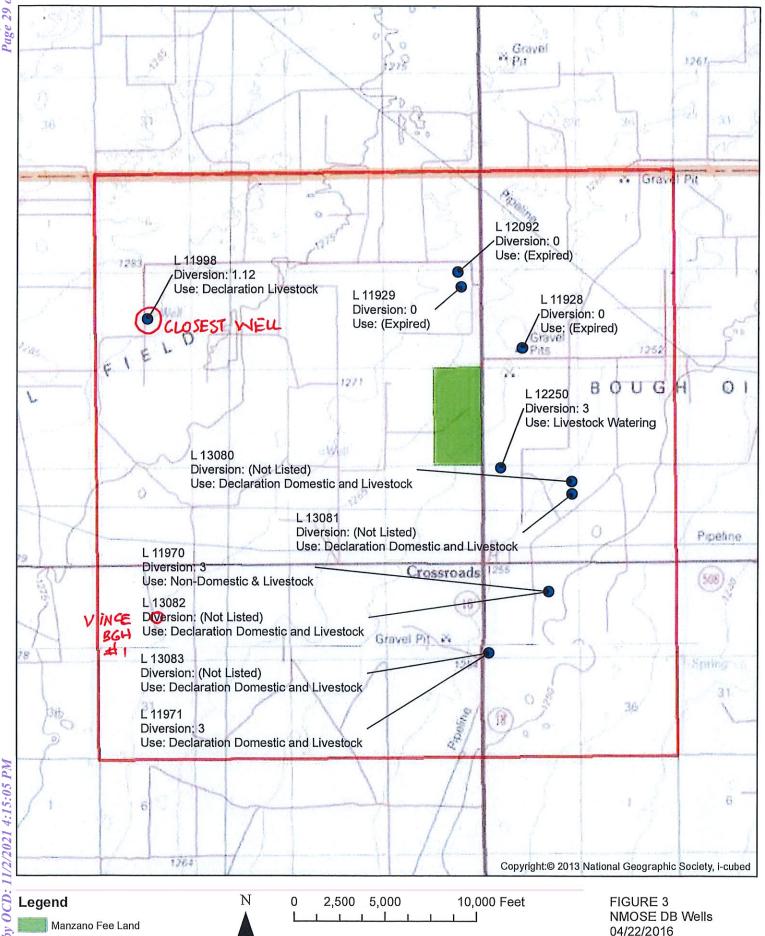
1 inch = 4,000 feet

FIGURE 4 Water Elevation from 1996 NMOSE Well-Schedule Records 04/22/2016



NMOSE DB Wells

Township 9S Range 35 E N.M.P.M.



1 inch = 5,000 feet

LEGAL NOTICE October 1, 2021

Manzano, LLC of P.O. Box 1737 Roswell, NM has filed an application with the New Mexico Oil Conservation Division to inject gas into the Manzano, LLC Vince BGH #1 well for the purpose of reservoir pressure maintenance. The well is located at Section 30-T9S-R35E, 1980 from south line. and 1750 from east line in Lea County, New Mexico. Gas will be injected in the San Andres dolomite at 4840 to 4850 feet at maximum rate of 1000 MCFGPD maximum a n d a pressure of 950 psi. Interested parties may file objections requests for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. within 15 days. Should you have any questions please contact John Worrall at Manzano, LLC at 575-623-1996 ext. 302.

#36902

Advertising Invoice

Hobbs Daily News-Sun

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URL: www.hobbsnews.com

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01101555

Ad #:

00259095

Phone:

(575)623-1996

Date:

09/29/2021

Ad Taker:

Kayla

Sort Line:

36902 BGH#1

Class:

Salesperson:

671

Description	Start	Stop	Ins.	Cost/Day	Amount
AFF2 Affidavits (Legals)					6.25
BOLD bold					1.00
07 07 Daily News-Sun	10/1/2021	10/1/2021	1	32.67	32.67

Ad Text:

LEGAL NOTICE October 1, 2021

Manzano, LLC of P.O. Box 1737 Roswell, NM has filed an application with the New Mexico Oil Conservation Division to inject gas into the Manzano, LLC Vince BGH #1 well for the purpose of reservoir pressure maintenance. The well is located at Section 30-T9S-R35E, 1980 from south line, and 1750 from east line in Lea County, New Mexico. Gas will be injected in the San Andres dolomite at 4840 to 4850 feet at maximum rate of 1000 MCFGPD and a maximum pressure of 950 psi. Interested parties may file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis

Payment Reference:

Total: 39.92
Tax: 2.72
Net: 42.64
Prepaid: 0.00

Total Due 42.64

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October 25, 2021

New Mexico Oil Conservation Division Attention: Dylan Rose-Coss Geological and Engineering Bureau 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Ladies and Gentlemen,

RE: Application to Inject Gas into the Manzano, LLC Vince BGH State #1

The following statement is sent regarding the need for <u>Seismicity Analysis</u> for the proposed injection of gas into the caption well.

The injection gas will be placed back into the San Andres formation from which it comes. The maximum proposed injection pressure is 950 PSI, which will be in perforations from 4840 to 4850 feet in the Vince BGH State #1. This maximum pressure is only a .196 PSI/ft pressure gradient, which is well below the normal pressure gradient for the formation of .35 psi/ft, and way below the expected .9 to 1.0 psi/ft frac gradient for the formation. Second, the zone of injection is 8000 feet above the Precambrian Basement in this area. For both of these reasons, there is no need for an analysis of the potential for induced seismic activity in this area. Should you have any questions, regarding this issue or statement, please advise.

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Sincerely,

John G. Worrall Geologist

Form C-108 Item XII.

Manzano, LLC Vince BGH #1

AFFIDAVIT

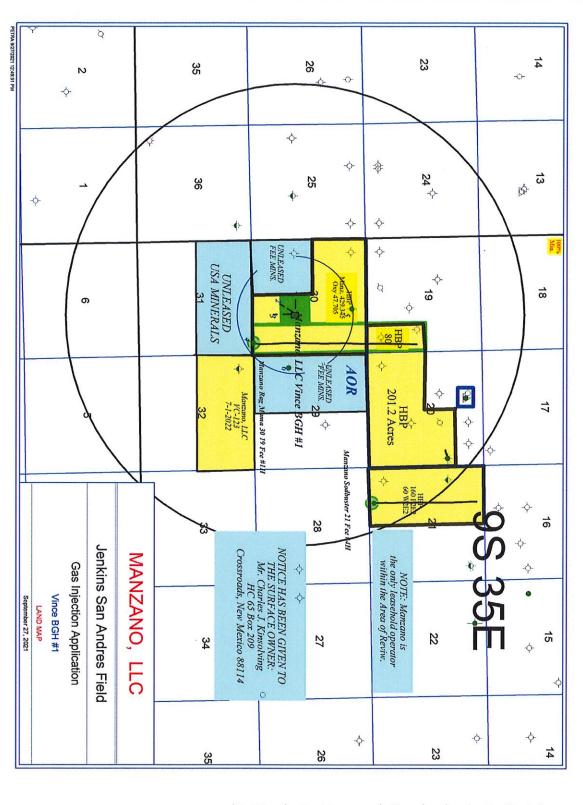
Manzano, LLC has examined the geological and engineering data associated with the proposed injection well and find no evidence of open faults or other hydrologic connections between the injection zone and good sources of drinking water.

Sincerely,

ohn Worrall الر

Partner

Manzano, LLC



XIV. This is a land map showing lease ownership of Manzano, LLC in yellow. Manzano, LLC is the only operator within the Area of Review. The surface owner of the Vince location, Charles Kinsolving, has been given notice, as has the Bureau of Land Management who owns unleased minerals in the N/2 of Section 31. See attached.



October 25, 2021

Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

To whom it may concern:

Attached for your notice is a copy of the permit filed with the New Mexico Oil Conservation Division, located at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. The Bureau of Land Management manages unleased minerals within the area of interest. In this application, Manzano, LLC is proposing to reinject gas at 4840 to 4850 feet in the San Andres formation in the Vince BGH #1, located at 1980 FSL, 1750 FEL, in Section 30 of T9S-R35E. Should you have any questions, please contact me or Mike Hanagan at 575-623-1996. Thank you.

Sincerely,

John Worrall

On behalf of Manzano, LLC

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: BLM U20 E-Greene St. Carl Shad, NM 88220 	A. Signature A. Signature Addressee B. Repélved by (Printed Name) C. Date of Delivery D. Is delivery address different from item 1? Yes If YES, enter delivery address below:
9590 9402 5491 9249 9341 08 2. Article Number (Transfer from service label) 7020 1290 0001 1523 616 PS Form 3811, July 2015 PSN 7530-02-000-9053	3. Service Type □ Adult Signature □ Adult Signature Restricted Delivery □ Certified Mail® □ Certified Mail® □ Certified Mail Restricted Delivery □ Collect on Time attention □ Signature Confirmation □ Signature Confirmation □ Signature Confirmation



September 28, 2021

Mr. Charles J. Kinsolving HC 65 Box 209 Crossroads, NM 88114

Mr. Kinsolving,

U.S. Postal Service

CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®

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Services & Fees (check box, add fee as appropriate)

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Coertified Mail Restricted Delivery

Adult Signature Required

Adult Signature Restricted Delivery

Second Services & Second Services for Instruction

Restricted Delivery

Sireet and Apr. No., of PO Box No.

City, State, 21P448

PS Form 3800, April 2015 PSN 7530 02:000 9047

Sec Reverse for Instruction

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Attached for your notice is a copy of the permit filed with the New Mexico Oil Conservation Division, located at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. In this application, Manzano, LLC is proposing to reinject gas at 4840 to 4850 feet in the San Andres formation in the Vince BGH #1, located at 1980 FSL, 1750 FEL, in Section 30 of T9S-R35E, on surface lands owned by you. Should you have any questions, please contact me or Mike Hanagan at 575-623-1996. Thank you.

Sincerely,

John Worrall

On behalf of Manzano, LLC